

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A portable personal server device suitable for functioning as a server when connected to an external network, the portable personal server device comprising:

a local server for processing data between itself the portable personal server device and a communication terminal equipped with a local network connection means connector suitable for connection to the portable personal server device;

a network server for processing data between itself the portable personal server device and [[a]] an external device through an external network connected to the communication terminal by said communication terminal's local network connection function connector;

memory for storing an operating system for controlling the data processing operations of the local server and the network server, the memory also storing application services executable by the communication terminal and other devices networked to the communication terminal, the memory also storing user specific data, the operating system loading the application services into other memory locations on demand during execution;

a messaging API for (i) allowing the communication terminal to discover and use the application services and access the user specific data stored in memory as if the application services and data were stored in the communications terminal and (ii) facilitating secure communication between the communication terminal and the portable personal server device and between the portable personal server device and other devices networked to the communication terminal;

an individual authenticator for authenticating an individual based on biometric information; and

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a control that makes said local server and said network server useable only when an individual is authenticated by said individual authenticator.

2. (Previously presented) A portable personal server device according to claim 1, wherein said individual authenticator is equipped with a biometric information recognition device and authenticates an individual according to whether or not biometric information read by the biometric information recognition device matches registered biometric information that was previously registered.

3. (Previously presented) A portable personal server device according to claim 2, further comprising a data encryptor for encrypting stored data using said read biometric information.

4. (Currently amended) A portable personal server device according to claim 2, further comprising a communication encryptor that, when said read biometric information matches said registered biometric information, generates and retains a key used in a public key encryption system based on said read biometric information, and encrypts the data to be sent by the portable personal server device using the key after an individual is authenticated.

5. (Previously presented) A portable personal server device according to any of claims 1 through 4, further comprising a communication cable for connecting to said communication terminal and receiving power from said communication terminal via said communication cable.

6. (Original) A portable personal server device according to claim 5, wherein said communication cable is USB.

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